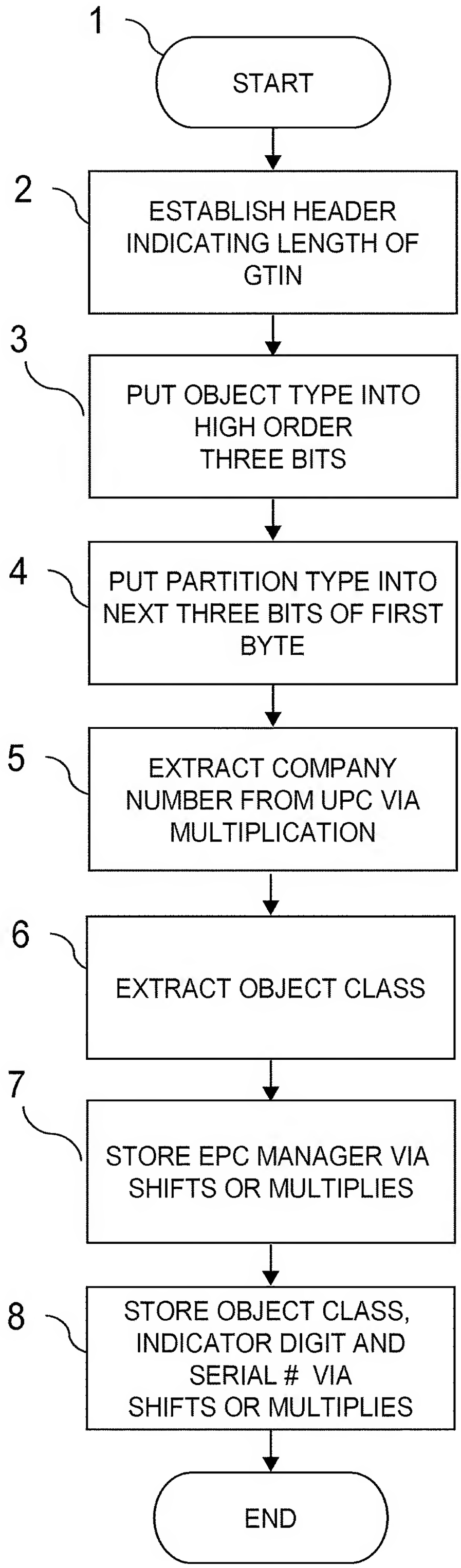
1
START
2
ESTABLISH HEADER INDICATING LENGTH OF GTIN
3
PUT OBJECT TYPE INTO HIGH ORDER THREE BITS
4
PUT PARTITION TYPE INTO NEXT THREE BITS OF FIRST BYTE
5
EXTRACT COMPANY NUMBER FROM UPC VIA MULTIPLICATION
6
EXTRACT OBJECT CLASS
7
STORE EPC MANAGER VIA SHIFTS OR MULTIPLIES
8
STORE OBJECT CLASS, INDICATOR DIGIT AND SERIAL # VIA SHIFTS OR MULTIPLIES
END

FIG. 1